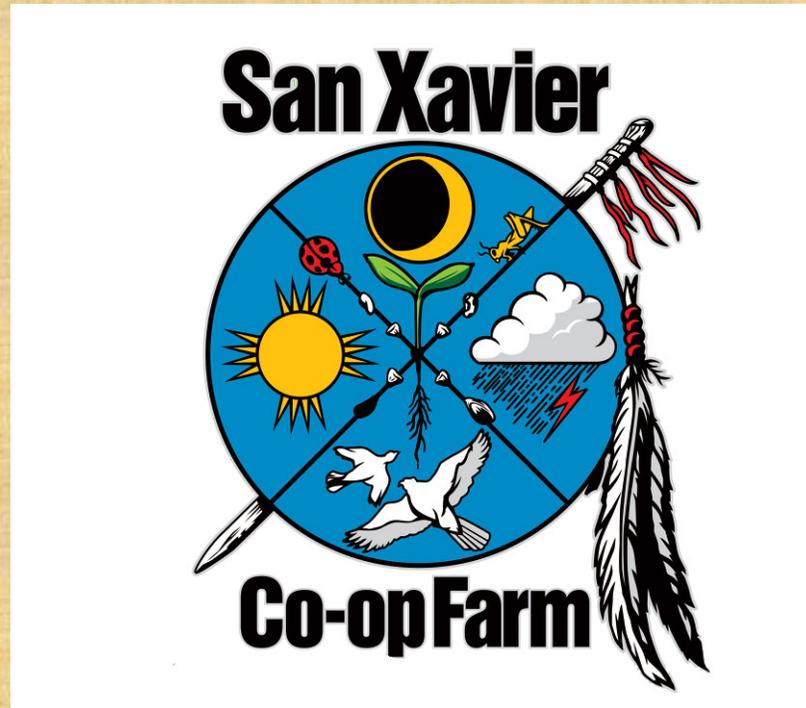


# SAN XAVIER COOP FARM



Established May 9, 1981 by the Papago Council/Tohono O'odham Nation

# W O V r = v r q

R \*R G K D P K D Y H E H H Q I D U P L Q J D Q G  
O L Y L Q J D O R Q J W K H V D Q W D F U X ]  
U L Y H U I R U R Y H U 7 / 3 3 3 \ H D U V 1 R L G D J  
K L P G D J + I D U P L Q J F X O W X U H , K D G  
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H W F 1

D O O R W P H Q W V Z H U H W R E H X W L O L ] H G  
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Z R R G 2 I X H O 2 P D W H U L D O J D W K H U L Q J 1  
F X U U H Q W O \ / W K H U H D U H D E R X W 4 / 8 3 3  
S H U V R Q V Z L W K I U D F W L R Q D W H G D F U H V  
L Q W K H V H D O O R W P H Q W V 1



# Vdq [ dylhu Frrshudwlyh Dvvrfldwlrq



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Sdsdjr frxqflorq P d | </4<;41

Wkh Vdq [ dylhu Frrshudwlyh Idup lvp dgdjhg dgg rshudwhg e | wkh Vdq  
[ dylhu Frrshudwlyh Dvvrfldwlrq Erdug riG luhfwruv dgg lw P dgdjhp hqw  
Shuvrqghol

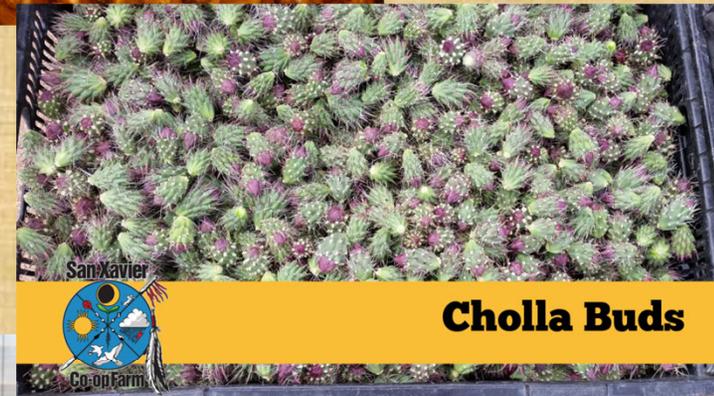
# R \*rgkdp K d\*lfx K x=j

W KH IDUP JURZ V  
 WUDGLWLRQDO R \*RGKDP  
 IRRGV VXFK DV KX =Q 293 GD\  
 FRUQ / ED =Z L2WHS DU \ EHDQV /  
 Z LKRO2R \*RGKDP SHDV /  
 KDZ RO2SLP D OLP D EHDQV /  
 P L=ORQ 2 \ HOOR Z  
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 Z KHDW DQG PRUH\$

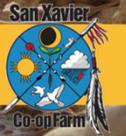
Wkh kduyhwlgj ri wkhvh irrgv frxschg  
 z lwk wkh z lgg irrgv vxfk dv flrolp  
 +fkræd exgv, /z lkrj +p hvtxlwh ehdqv, /  
 dqg l\*edl +sulfno| shdu iuxlw, lv nh| wr  
 dvvlhwlg fxuelqj xqkhdwk | frgglwlrqv  
 wkh frp p xqlw| lv qrz ghdoqj z lwk  
 vxfk dv gldehwhv1



**60 Day Corn**



**Cholla Buds**



**Mesquite Beans**

# Exvlqhv z lwk d Sxusrvh

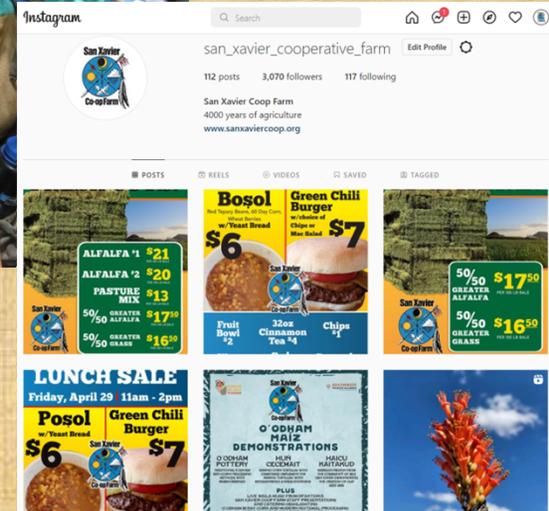
Wkh V[FD Idup lv d fhuwlih  
> Qdwxudoo| Jurz q» exvlqhv1Z h gr  
qrwxvh dq| v| qkhwlf shwflghv/  
khueflghv ru ihwbl}huv lq wkh jurz lqj  
ri rxu irrgv ru kd| 2 oylvwrfn ihhg1

Z h duh dovr 5355 uhflslhqw ri wkh F lw|  
ri Wxfvrq/F lw| ri Jdvwurqrp |  
Fhuwlih Uhwlchu dgg Fhuwlih  
Fdwhu ghvjlqdwlrq dgg fhuwlih dv dq  
Dp hulfdq Iqgldq Irrgv surgxfhu xqghu  
wkh IqwhuuledoD julfxawuh Frxqflol



# 5355 J rdav P hwVr Idu

- Rxu fxuuhqwhp sār | hh frxqwlv 6 : / 68 ri z klfk duh p dnrulw| hqurōng wrkrqr r\*rgkdp qdwlrq p hp ehuvl
- Wkh qhz p dunhwlgj frruglgdwrukdv lqfuhdvhg ryhudōdgyhuwlvlgj e | xwlv} lqj iuhh gljldodgyhuwlvlgj dv z hōdv frp p xqlw| dqgrxqfhp hqwl
- D qhz kd| eduq kdvehhq frqvwuxfwhg z klfk z lōsurylgh ehwhu vhfuxlv| dqg surwhfwlrq iurp wkh hchp hqw z klch p dlqwdlq lqj wkh qxwlvwlrqdoydōxh ri rxu surgx fw1
- Rxu frōg vvrudjh idflōw| kdvsuryhq wr eh d p dnrudvvhwr wkh Idup z lwk wkh delōw| wr vvrh rxu judlqv/ surgxfh/ shulvkdedhv dqg vhhgv1Z h kdyh dōvr p dg h lwdydlōdech iru frp p xqlw| xvhl



# 5355 J rdø P hwVr Idu

- Wkh idup kdv lqfuhdvhg rxusødqlqj rikhulwjdjh judlqv vxfk dv=vrqrudq z khdw/slp d fœe z khdw/gxuxp z khdw/kdug uhg z khdw/rdw/dqg educh | 1 lqfuhdvhg surgxfwlrq e | 683/333 œv1
- Qhz hiihfwyh vfkhgxch iru luuljdwlrq/ fxawlydwlrq ) kduyhvwlrqj z loohvxawlg d kljkhu txdaw | surgxfwz klfk z loo lqfuhdvh uhyhqxh.
- Qhz P loolqj idflaw | z loeh lqvwxp hqwdolq lqfuhdvqlqj hiihfhqf | z khq surfhvvlqj p hvtxlwh dqg z khdw iœrxuv/judlqv/whsdu | ehdqv/R \*rgkdp shdv dqg 930gd | fruq1
- P loolqj idflaw | z loeh riihuhg xs dv d uhqwdoidflaw | fuhdwlrqj dq dgghg vrxufh ri uhyhqxh1



# Farm Safety

## Implemented New Safety Procedures

- COVID SAFETY PROTOCOLS AND SANITIZING STATIONS IN PLACE
- WEEKLY SAFETY MEETINGS
  - Monday's at 8:30 am
- MONTHLY SAFETY COMMITTEE
  - New employees selected quarterly
  - Review positive and negative trends, new procedures and policies, and safety citations
- MSDS / HAZCOM COMPLIANT
- FIRST AID/CPR/AED COMPLIANT
  - First Aid Kits in all Buildings
  - AED in Main Office and Equipment Office
- FIRE SUPPRESSION COMPLIANT
  - All Buildings
  - All Equipment
  - Fuel Island

# Hay Quality

## Implemented new qa/qc procedures

- TEST ALL SOILS AFTER SOIL WORK & PRIOR TO PLANTING (let the soil tell us what to grow)
- Test all hay per lot
  - Increased moisture by 35%
  - increased rfv's by 20% (increased revenue by \$49/ton)
  - Increased tdn's by 8%
- Follow usda guidelines

Table 1. Alfalfa guidelines (for domestic livestock use and not more than 10% grass)

Quality	ADF	NDF	*RFV	**TDN (100%)	CP
Supreme	<27	<34	>185	>62	>22
Premium	27 to 29	34 to 36	170 to 185	60.5 to 62	20 to 22
Good	29 to 32	36 to 40	150 to 170	58 to 60	18 to 20
Fair	32 to 35	40 to 44	130 to 150	56 to 58	16 to 18
Utility	>35	>44	<130	<56	<16

\*RFV calculated using the Wisconsin/Minnesota formula  
 \*\*TDN calculated using the Western formula  
 Quantitative factors are approximate and many factors can affect feeding value. Values based on 100% dry matter.  
 Guidelines are to be used with visual appearance and intent of sale (usage).

	MOISTURE	DM	CP %	CF %	ASH %	TDN %	RFV
<b>AVERAGE</b>	9.92	90.08	16.85	2.06	10.76	59.68	162
<b>INCREASE</b>	35%					8%	20%
<b>GOAL</b>	13-15		>18			>62	>185

# IT & Communications

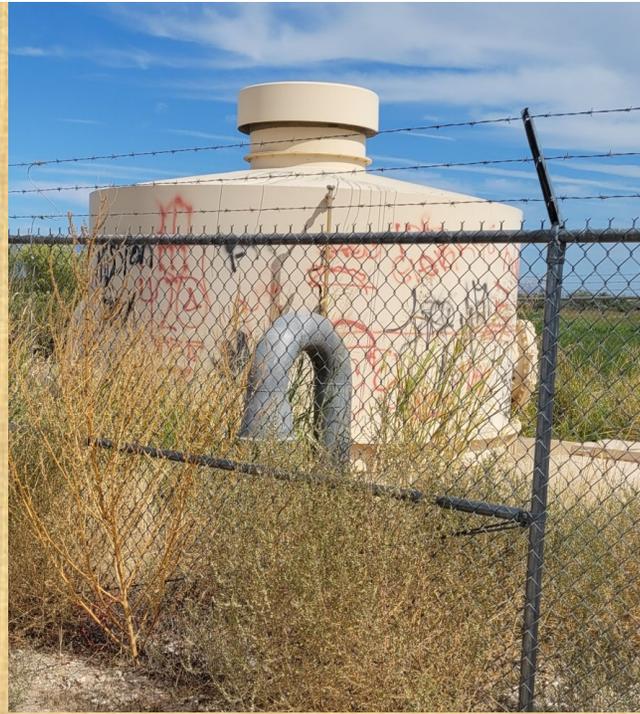
## *Implemented*

- ONSITE SERVER FOR ALL DOCUMENTS
- QUICKBOOKS – NEW ONLINE VERSION
- iPADS for each Supervisor
- SQUARE – NEW POS
- FARMLOGIC / FARMPAD
- ILIVESTOCKMGR
- 2-WAY RADIOS

# Training for Staff

- First aid / cpr / aed (in progress)
- Fire suppression
- Equipment
  - operations
  - daily walkaround
  - preventative maintenance
- Procurement
- Farm logic / farm pad
- Soil work
- Irrigation
- Hay processing & harvest
- Inventory processing





# P dunhwlgj

F kulwrskhu N lqvch |  
P dunhwlgj F rrug lqdwru

- R qolqh dqg VrfldoP hgld P dunhwlgj wr irfxv rq eudqglqj
- Frp p xqlw| rxwuhdfk
- Wrxuw/Hgx fdwlrq ) K lwru|
- G r q d w l r q v r i i u h v k s u r g x f h d q g g u | j r r g v



# Catering and Events

Phyllis Valenzuela

- Education on traditional foods and recipes
- Presentations on traditional food history and purpose
- Onsite and off site catering
- Testing of new products and recipes utilizing farm produce

# Idup P dlqwhqdqfh

MrvhsK > \rgdd» Mrvh  
Idup P dlqwhqdqfh Vxshuylvru

• Hwdeolvkhg ) lp schp hqwhg d idup  
P dlqwhqdqfh Ghsduwp hqwwr p dlqwdlg dooduhdv  
wkurxjkrxwwkh idup 1Wkhvh gxwlhv frqvlwri  
wkh irærz lqj=

- Urdg p dlqwhqdqfh
- Gxw frqwuro
- Z hng frqwuro
- Vshfldosurnhfw +lh1Edqn vde lol} dwlrq ,



# P h f k d q l f d o V h u y l f h v

**MICHAEL DAVIS III**  
Shop Foreman / Mechanic

- **Trained & implemented the following:**
  - **Preventative Maintenance plan for Farm Equipment**
  - **Daily walkaround report for all vehicles and equipment**
  - **Begin shift & end shift maintenance**
- **Conducts mechanical services on all farm vehicles**



# VrloZ run



- Ip schp hqwhg d vrlo surfhvvqlj surfhgjuh lq rughu wr p dlqwdlq wkh khdoek rirxu vrlov dgg wkh fursv z h jurz 1

Wkly frqvlwri wkh irærz lqj=

- Dæilhæg v wr eh ulsshg/særz hg/glvnhg ) rswlp l}hg lp p hglwcho| diwhukduyhvw
- Ip schp hqwhg d 6 | hdu urwdwlrq sædq rq dæirudjh fursv

# LUULJ DWLR Q

MR VK X D SUHVWR Q

Luuljdwlrq R shudwru



• Ip schp hqwhg qhz luuljdwlrq surfhgxuhv lq rughu wr p dlqwdlq khdaw | vr lov dqg fursv1Wk lv frqvlwriwkh irærz lqj=

- Suh0luuljdwlrq 2 z lqwhu luuljdwlrq

- 6 z hhn luuljdwlrq sædq rq kd |

- 7» shu dfuh shu z hhn @ 45» shu dfuh shu p rqwk +54 gd | f | fch,

- Lqfuhdvh rugfuhdvh dv qhhghg wr p dlqwdlq frqvlwdqf | gxh wr hydsvudwlrq ærv ) shuhfxædwlrq wlp h



**PREVIOUS BEST = 40 ACRES**

**2022 PROJECTIONS**

**ROW CROPS = 109.85 ACRES (63% INCREASE)**

**FRUIT TREES = 7.91 ACRES (91% INCREASE)**

**MESQUITE TREES = 41 ACRES**





# Iqyhqwrū | ) Surfhvvlqj

Mdp lh Hqflqdv  
Iqyhqwrū | Frruglqdwru

Iæud P dulhwd  
Irrg Surfhvvrū

Mhvvlfð Hqflqdv  
Surfhvvlqj Frruglqdwru

Uxe | Ulrū  
Irrg Surfhvvrū † Txdðw |  
Frqwrū

# Iqyhgwrw | ) Surfhvvlqj

- Z h duh fxuuhqw | z dlwlqj rq wkh p lósxqfk olwrr eh frp schwg e | uholdqfh frqvwuxfwlrq frp sdq | 1
- Wkh p lóz lóeh ixó | rshudwlrqdoe | 5356
  - Iqwhuqdovhhg fhdqlqj dqg p hvtxlwh dqg frug surfhvvlqj +ixuv,
  - Fxwrrp surfhvvlqj iru rxwlgf fohqw dv dqrwkhv vruxfh ri uhyhqxh iru wkh Idup





# Q xuvhu |

Dairqvr Fkdyh }

Ndho| q Vslyh |

Qxuvhu| Frruglqdwru

Qxuvhu| Dvvlwdqg

- Fxuuhqwo| jurz lqj Ilj dgg P hvtxlwh Wuhhv iru ixwuh rufkdugv dgg idup adqg uhvruudwlrq
- Surylgh sadqwvduw wkdwduh vrag wkurxjk wkh vvrub
- Jurz vduw iru ryhudæirrg surgxfwlrq riwkh idup



# Idup Vwruh

EUHQGD FDP SXV  
Vwruh Fdvk lhu

Vwruh krxuv fkdqjh vhdvrqdø | † Fxuhqwvwruh krxuv duh=  
Wxhvgd | † Iulgd | :=33 DP † 8=33 SP  
Vdw :=33 DP † 8=33 DP

Wkh vwruh lv færvhg rq P rggd | \*v iru vwdiip hhwlgjv dgg  
idup p dlqwhgdqfh1  
Z h fxuhqwo | kdyh lq wkh vwruh=Gxukdp dgg kdug uhg  
z khdwicæxu/ z khdwehuulhv/flrolp / jd\*lz vd/ z lkrodqg  
p ruh\$



# Hay Loaders

G d q l h o S d e a r  
K d | \ d u g V x s h u y l v r u

- S u r y l g h v h q w u | c h y h o v w h s s l q j v w r q h ) a d e r u s r r o  
i r u w k h h q w l u h i d u p r s h u d w l r q
- W u d l q l q j
  - Z r u n H w k l f
  - O h d g h u v k l s
  - H t x l s p h q w R s h u d w l q j



# 58 \ hdu Ohdvh H { whqvlrq

SUHYLR XV 80 \ HDU OHDVH

Wkh suhylr xv 80 | hdu chdvh fryhuhg dssur { lp dwho |  
4367197 dærw h g dfuhv d q g 6 : 14 < wledod fuhv + wrwdolqj  
43 : 41 ; 6 dfuhv , d q g surylghg sd | p hqwridq d q q x d o  
uhqwri ' 468 shu dfuh 1 Wkh suhylr xv 80 | hdu chdvh  
h { sluhg lq R fwrehu 5354 d q g z loeh h { whqghg /  
uhwurdfwlyho | / iurp R fwrehu 5354 wr wkh hihfwlyh gdwh  
ri wkh qhz 580 | hdu chdvh 1



WKH QHZ 58 \ HDU OHDVH

Wkh qhz 580 | hdu chdvh lv uhtxluhg iru wkh dvvr fldwlrq  
d q g Exuhdx ri Uhfæp d wlrq + > ERU » , wr frp schwh  
fhuwdlq z run irughyhæsp h q w d q g h { sdqvlrq ri Wkh  
idup / fuhdwh shup d q h q w u l j k w 0 r i 0 z d | wr vxssruw idup  
rshudwlrqv / d q g surylgh Wkh æd q g r z q h u v z l w k æ q j h u 0  
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53 < 91 : 9 dærw h g dfuhv d q g 941 ; : wledod fuhv / wrwdolqj  
548 ; 196 dfuhv + æhdvhg suhp lvhv » , 1 P ruhryhu / wkh qhz  
580 | hdu chdvh z loeh q frp sdv dææd q g z l w k l q w k h  
rulj l q d o i d u p + > r u l j l q d o i d u p » , d q g d g g l w l r q d o æ d q g  
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Ixuwkhup ruh / wkh qhz 580 | hdu chdvh z loesurylgh iru  
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sdlg vhp l o d q q x d æ | / d v g h w h u p l q h g e | d q d s s u d l v d o  
d s s u r y h g e | w k h G h s d u w p h q w r i w k h l q w h u l r u + > u h q w » , 1