



Southwest FORAGE Product Guide

by Thomas Ag Services, LLC.

SERVICE

QUALITY FORAGE

INNOVATION



Cover Crop

☐ **Cover Crop**

- ✓ Large Bio-Mass
- ✓ Deep & Large Roots
- ✓ Reduce Compaction
- ✓ Nitrogen Fixation
- ✓ Increase Organic Matter
- ✓ Increase Water Penetration
- ✓ Erosion Control

☐ **Purpose – to improve soil health.**

- ✓ Increases the following crop productivity

☐ **Suited well for...**

- ✓ Vineyards
- ✓ Orchards
- ✓ Dairy's - who need additional help with their overall nutrient management plan.



☐ **Mixtures available**

- ✓ AWS Plowdown Mix
- ✓ AWS Soil Builder Mix
- ✓ AWS Soil Builder w/Radish
- ✓ AWS Soil Builder w/Brassica
- ✓ AWS Low Growing CC



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AWS 133 Forage Triticale

❑ Benefits

- ✓ Soft dough stage harvest
- ✓ Excellent silage tonnage
- ✓ Resistant to lodging
- ✓ Good forage quality
- ✓ Excellent disease resistance
- ✓ Good tolerance to lagoon water
- ✓ Fall planting in California
- ✓ Very palatable for dairy cattle

- ❑ Mixtures – AWS 133 Forage Triticale also performs well in forage grain mixtures containing oats, barley, peas and annual ryegrass (please ask)



Establishment:

- Fall planting (California)
- Planting depth 1 ½ inches
- Recommend creating a fertility plan with your trusted agronomist.

Seeding Rate:

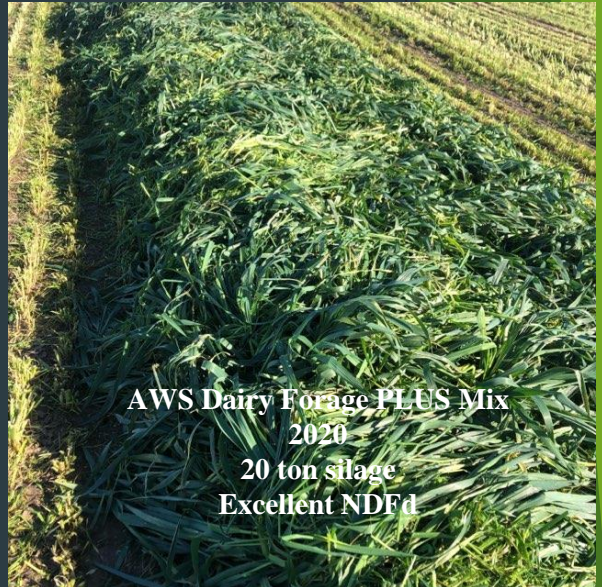
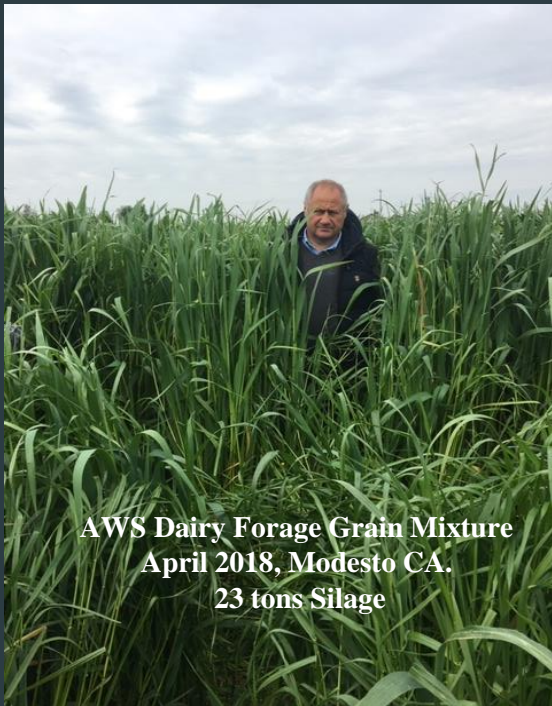
- Drilling / 125 lbs per acre



Premium Grain Mixtures

❑ Forage Small Grain Mixtures

- ✓ Fall or Spring planting
- ✓ Awnless
- ✓ Excellent for Hay or Silage
- ✓ Excellent Tonnage
- ✓ Increased NDFd
- ✓ Highly palatable
- ✓ Rust tolerant
- ✓ Good straw strength
- ✓ Adapted for various climates/
increase harvest window



❑ Mixtures Available

- ✓ AWS Prime Forage Grain Mix
- ✓ AWS Dairy Forage PLUS Mix
- ✓ AWS Forage Oat, PLUS Mix
- ✓ AWS Early South Forage Mix

For improved digestibility add
AWS Forage Peas or AWS Annual
Ryegrass to your small grain
forage mixture



Premium Forage Oats

❑ Jupiter Forage Oat

- ✓ Early Maturing – like Montezuma Oat
- ✓ Excellent straw strength – stands well
- ✓ Thin Stem for Excellent Quality Hay
- ✓ Excellent for California Fall Planting
- ✓ Good Dry Matter Yield
- ✓ Resistance to strip rust and stem disease
- ✓ Adaptable to many soils
- ✓ Consistent Top Performing Oat
- ✓ Blends well with other forage products
- ✓ Excellent digestibility



❑ Proleaf 234 Forage Oat

- ✓ Medium Maturing
- ✓ Good for Silage or Hay
- ✓ Enhanced Forage (Larger Leaf)
- ✓ Excellent Hay Quality
- ✓ 5-8 ton Day Matter
- ✓ Crown Rust Resistant
- ✓ Very Palatable for Livestock





Premium Alfalfa

☐ Dairy Quality Alfalfa (Conventional)

- ✓ Fall Dormancy FD4 – FD9
- ✓ WSI Rating 1.4
- ✓ DRI 30/30
- ✓ Pea Aphid HR
- ✓ Spotted Alfalfa Aphid MR
- ✓ Stem Nematode R
- ✓ Recovery Very Fast
- ✓ Cutting Schedule 3-7 cuts
- ✓ Yield Potential Excellent
- ✓ Forage Quality Excellent



☐ Ask about specific varieties for your area

☐ Round Up Ready

- ✓ Fall Dormancy FD4 – FD9
- ✓ WSI Rating 1.4
- ✓ DRI 29/30
- ✓ Pea Aphid HR
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Dairy Prime

AWS Dairy Forage Pasture Grass Seed Mixture

Formulated with grasses and clovers to achieve the optimal nutrition goals for all ranges of lactating dairy cattle. AWS Dairy Forage Mixture is soft leaved, endophyte free, excellent palatability and improves rumen efficiency with good fiber ingestion and digestibility. All of this is to achieve healthy milk cows.

Each variety in the AWS Dairy Forage Mixture is selected with specific purpose in mind to create a forage mixture that can achieve fast establishment, winterhardiness, good persistence, and increase drymatter intake, high levels of energy and protein for dairy cattle.

Soil & Moisture - Adaptable to a wide range of soil types and conditions. For maximum yield and quality results we recommend irrigation and a good fertility plan with your trusted agronomist.

Goals to achieve:

- ✓ High rumen efficiency with good ingestion and digestibility
- ✓ Increase Drymatter intake
- ✓ Healthy Cattle
- ✓ Increase energy and protein
- ✓ Excellent palatability
- ✓ Fast Establishing
- ✓ Good persistence
- ✓ Winterhardiness
- ✓ Grazing or Multi-cutting (hay or silage)
- ✓ Medium-Late Maturing (maintains quality)



Establishment:

- Plant early spring or fall.
- Planting depth ¼ inch
- Create a fertility plan with your agronomist

Seeding Rate:

- Drilling / 30-35 lbs per acre
- Broad cast / 40-45 per acre
- Inter seeding / 20 lbs per acre

Management:

- Rotational grazing is encouraged to promote tillering
- Rest periods are suggested for plant recovery and growth.
- Cutting - preboot stage harvesting will provide optimal quality

Ryegrass

❑ Ration Annual Ryegrass

- ✓ Fast establishing
- ✓ Excellent digestibility for rumen efficiency
- ✓ High Energy
- ✓ Excellent Quality - Increases NDFd
- ✓ High drymatter feed production
- ✓ Multi-cutting
- ✓ Responds well to lagoon water
- ✓ Disease resistant
- ✓ Silage or grazing
- ✓ Deep roots and often used in a dairy's nutrient management plan



❑ AWS I-600, Italian Ryegrass

- ✓ Does not come to head the first year
- ✓ High energy compared to other Italian ryegrasses
- ✓ Deep roots and often used in a dairy's nutrient management plan
- ✓ Excellent Quality Feed – Increases NDFd
- ✓ Excellent palatability
- ✓ Responds well to lagoon water
- ✓ Disease resistant
- ✓ Silage or grazing
- ✓ Boot stage cutting is recommended for best quality

