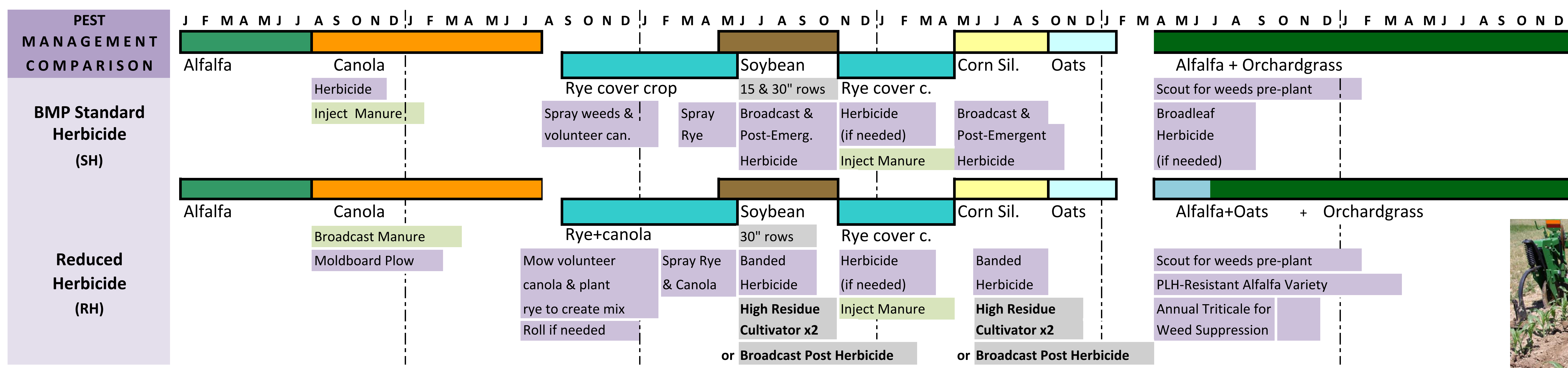


# NESARE Sustainable Dairy Cropping Systems (2016-2019)

## PEST ROTATION

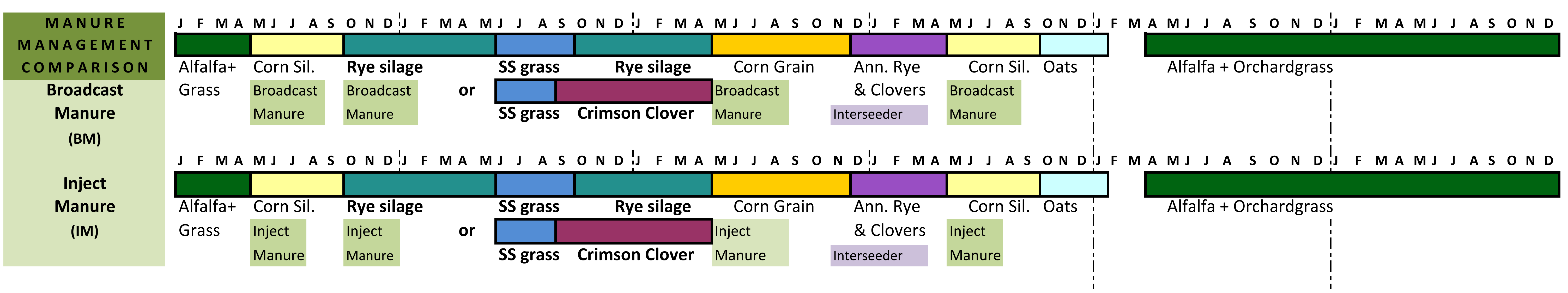


Herbicide being banded over row.



High-residue cultivation between crop rows.

## MANURE ROTATION



Shallow-disk manure injection.

## Model Dairy Farm

### Herd Dynamics:

- 65 lactating cows
- 10 dry cows
- 64 young stock



### Goals:

- Forage and Feed Sustainability
- Maximize Forage Use
- Minimize Purchased Feed

## Canola: Feed + Fuel



Canola field in bloom in front of a straight vegetable oil (SVO) powered tractor. Brian Gray (undergraduate) holds a bottle of canola SVO.

## Low Diversity Cropping System

### CORN-SOY GRAIN CONVENTIONAL ROTATION

