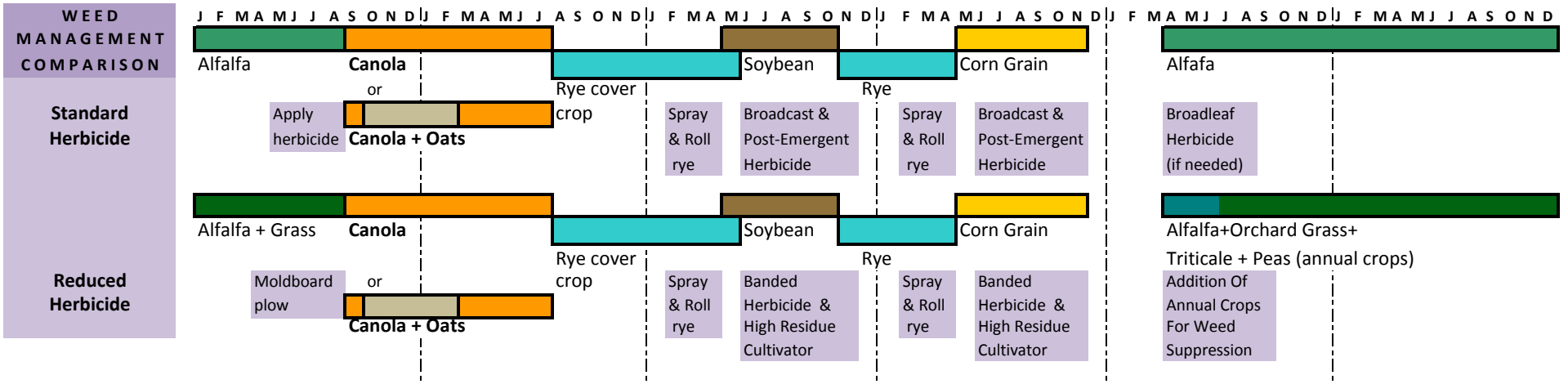


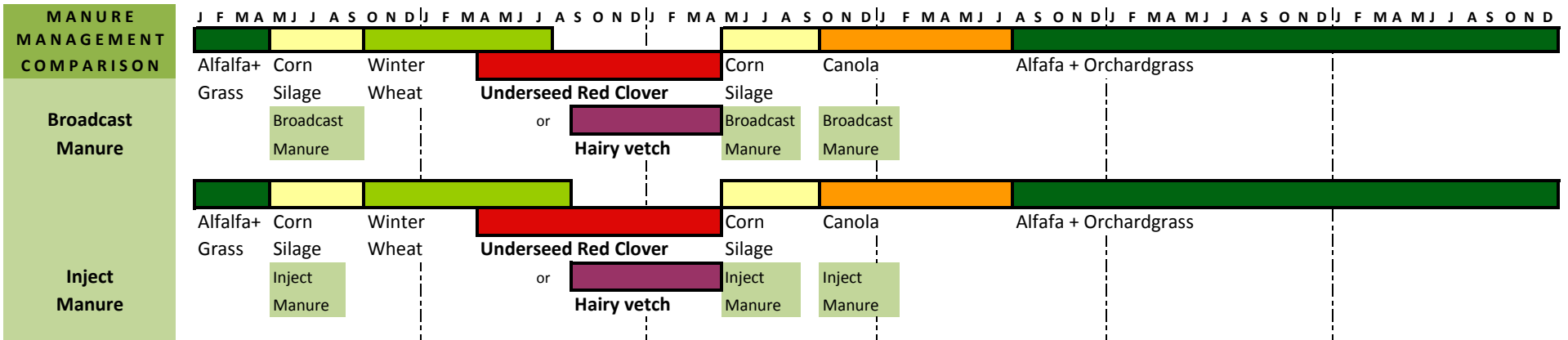
PENN STATE SUSTAINABLE DAIRY CROPPING SYSTEMS

(All systems are no-till, except in one year in the 'Reduced Herbicide Grain Rotation')

GRAIN ROTATION: weed management, canola mycorrhizae management comparison, & inject manure regime for canola and corn grain



FORAGE ROTATION: manure management, green manure species comparison, & standard herbicide regime



CORN GRAIN CONVENTIONAL ROTATION: manure, standard herbicides, prophylactic insecticides, and Bt corn

