Trees for Bees SFF Project: Bee Plant Database

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NBA Conference, Auckland

June 29, 2011

Landcare Research
Manaaki Whenua

AsureQuality

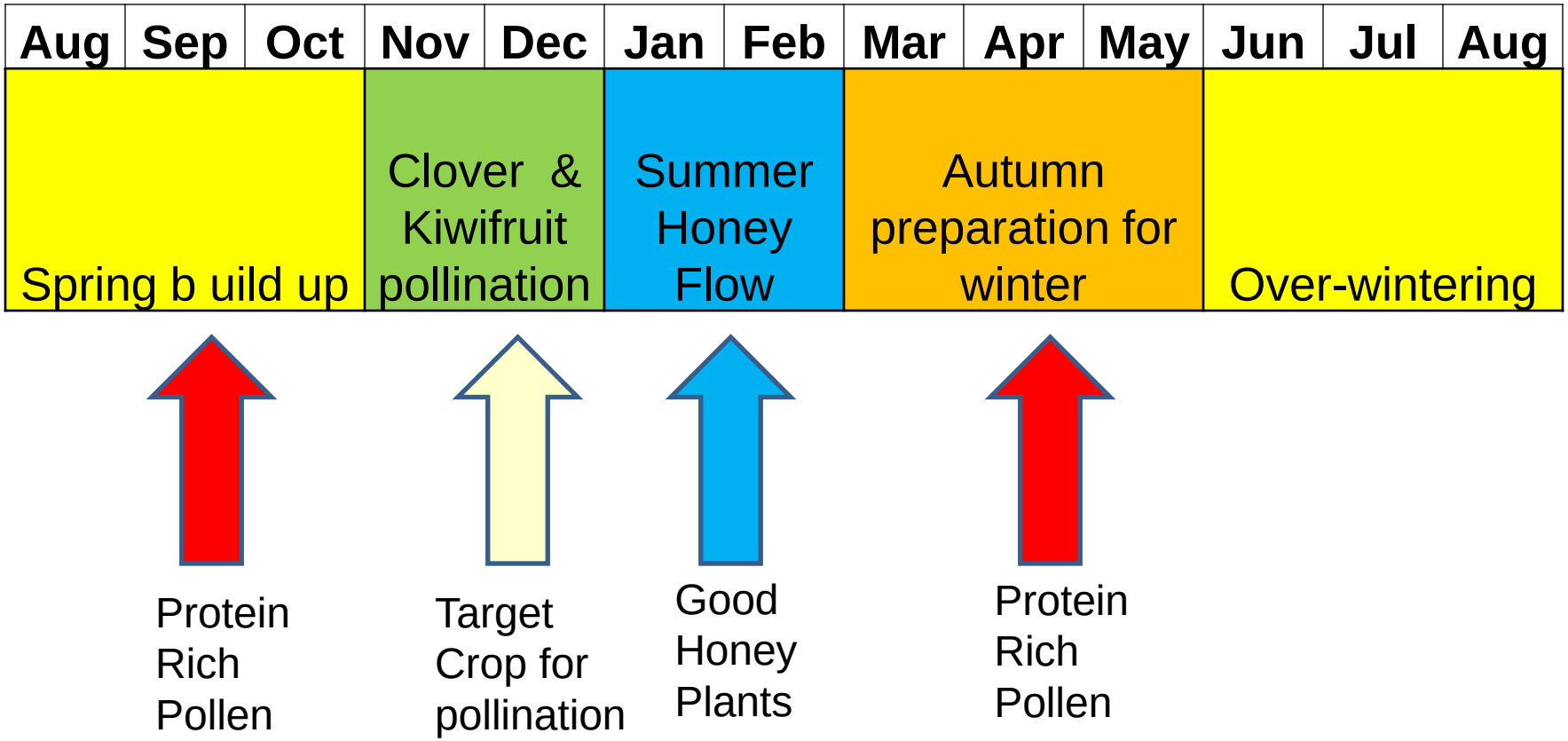
Multipurpose plants

Trees For Bees

Database

For Bee friendly farming systems

Designing the System: Seasonal Progression - No Gaps



Nutritional and Attractive for Bees

- High protein pollen → easily accessible
- Good nectar → reliable every year
- Bee preferences
- Non-toxic to bees



Worthwhile for the Beekeeper

- Pollen and nectar at the right time
- Provides high quality/quantity honey
- Does not taint main honey crop

Worthwhile for the Farmers

- Pollination crop (competition)
- Plants practical, cost-effective
- Plants multi-purpose
  - Timber
  - Erosion control
  - Carbon credits
  - Native biodiversity
  - Shelter belts
  - Riparian strips etc.

Environmentally Friendly for NZ

Weed problems

are not wanted:

- Agricultural
- Environmental

Useful solutions:

- Natives
- Cultivated spp.

Conclusions for Database

Increase plantings of the right flowers

Lower beekeeper and honey production costs

- Less transport over distances
- Reduce artificial feeding
- Increase carrying capacity of apiary sites
- Open new bee friendly areas for apiaries
- Better honey quality and quantity for less work
- Secure pollination services for agriculture

INVITATION TO ALL BEEKEEPERS

Data validation is important !

Help us to create the beekeeperwish list of plants

1. Basic survey by interviews
2. Extended survey online or hard copy

- Help farmers make informed decisions on planting
- Help councils, gardeners, foresters, conservationists
- Help nurseries to plan for propagation