**Warwickshire Beekeeping Association**

**Generic Training Apiary Grounds Maintenance Risk Assessment**

**(NB To be augmented to suit any specific local circumstances associated with the site)**

**Event:**

**General Description**: Maintenance of training apiary grounds includes mowing, strimming, hedge cutting, planting and weeding, replenishing bark chippings, leaf collection, tree surgery etc. This work can be undertaken by either beekeepers or professional ground workers

|  |
| --- |
| **The following Risk Assessment has been prepared specifically for this event by:**  **Date: …………………………**  **The Authorised/responsible person for this event is: ………………………………………………………………..**  **For emergency services, this event location is…** |

|  |  |
| --- | --- |
| **The Method of Assessing Risk** | |
| **S** - Severity (1 =Minor, 2=Serious, 3=Major) | **Note A**    A Summary of Actions in the Event of a Serious Bee Sting Reaction is attached. |
| **L** – Likelihood (1=Unlikely, 2=Possible, 3=Likely*)* |  |
| **R** – Risk (Severity x Likelihood)( A score over 2 prompts control Measures) |  |

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  | |  | Initial | | |  | After | | |
| **Item** | **Activity** | **Hazard** | | **Persons Affected** | **S** | **L** | **R** | **Control Measure** | **S** | **L** | **R** |
|  |  |  | |  |  |  |  |  |  |  |  |
| **1** | **Working in proximity to bee hives** | Stings, Anaphylaxis | Grounds Workers Adjacent personnel | | 2 | 3 | 6. | Establish degree of reaction to stings and if severe do not undertake work  Stop up hives night before planned work and check for any bees who were out on late passes and missed the lock up time  Wear Bee Suit  See advice at back of this document.  . | .2 | .1 | 2 |
| 2 | **Lone Working** | Remaining unlocated if injured or incapacitated and unable to raise the alarm | Grounds Worker | | 3 | 2 | 6 | Check that there is a mobile phone signal.  Always bring a charged mobile phone with you preferably in your bee suit pocket  Always tell someone that you are going to the apiary and what time you expect to return  Leave them your mobile phone no. and the address and emergency contact details for the apiary  Be aware of any emergency procedures associated with the site and details of its location for alerting the emergency services.  Be aware of the increased hazard of lone working and do not take unnecessary risks | 3 | 1 | 3 |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | |  | |  | | Initial | | | | |  | After | | |
| Item | Activity | | Hazard | | Persons Affected | | S | L | | R | | Control Measure | S | L | R |
|  |  | |  | |  | |  |  | |  | |  |  |  |  |
| 3 | **Use of Hand tools** | | Injury from cuts, impact | | Grounds workers, | | 1 | 1 | | 1 | | Ensure that tools are in good condition and used for intended purpose.  Wear PPI  Do not leave tool lying around  Sheath Sharp edged tools | 1 | 1 | 1 |
| 4 | | **Use of Powered equipment** | | Personal injury | Grounds workers, Adjacent personnel | 3 | | | 2 | 6 | Always use properly maintained equipment,  Do not use equipment with which you are not familiar and on which you are not trained.  Always wear PPI appropriate to the task in hand.  Be aware of fellow workers wandering into your work space. Cordon area off if activity is prolonged  Be particularly aware of activities above head height e.g/ tree work  Do not strim in proximity to others. (stones and debris can be thrown up.)  Do not store petrol in confined spaces (build-up of petrol fumes) where naked flames could be used  Store petrol cans for replenishment of machinery whilst working on a sound surface and in the shade.  Clean up any spillages of petrol particularly on clothing.  Do not pour petrol with engine running or close to heat sources  Ensure engines are turned off before adjusting, maintaining etc. | | 3 | 1 | 3 |

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  | Initial | | |  | After | | |
| **Item** | **Activity** | **Hazard** | **Persons Affected** | **S** | **L** | **R** | **Control Measure** | **S** | **L** | **R** |
|  |  |  |  |  |  |  |  |  |  |  |
|  | **Use of Powered equipment.**  **…….contd** |  |  |  |  |  | Allow equipment to cool before storing.  Do not use other people’s equipment.  Always use powered equipment when you have safe footing.  If using electrically powered equipment always use a trip plug.,  If using electrically powered equipment be aware of the cable being damaged or creating a trip hazard.  If electrically powered equipment owned by the Branch ensure that it is PAT tested. |  |  |  |
| 5 | Moving heavy materials | Musculo – skeletal injuries | Ground workers | 1 | 2 | 2 | Do not attempt to move heavy objects or materials without assistance.  Use wheeled trolleys/ wheel barrows for moving heavy or bulky components  Adopt safe manual handling techniques | 1 | 1 | 1 |
| 6 | **Traversing site on foot** | Injury from Trips and Falls induced by rough terrain | Ground workers | 2 | 2 | 4 | Keep apiary clear of debris  Maintain safe access routes within apiary.  Wear appropriate footwear for uneven and rough terrain  Arrange help with heavy loads or use trolley/ wheel barrow. | 2 | 1 | 2 |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  | |  |  | Initial | | |  | After | | |
| **Item** | | **Activity** | | **Hazard** | **Persons Affected** | **S** | **L** | **R** | **Control Measure** | **S** | **L** | **R** |
|  | |  | |  |  |  |  |  |  |  |  |  |
| 7 | | **Using chemicals** | | Skin irritation /breathing difficulties, other adverse reaction | Grounds Workers | 2 | 2 | 2 | Comply with manufacturer’s directions:  Always wear protective clothing | 2 | 1 | 2 |
| 8 | **Using heat/flame producing appliances**  **Bonfires** | | Injury(Burns); Damage to property from Fire; | | Grounds Workers | 3 | 2 | 6 | Ensure fuel is extinguished and machine allowed to cool before leaving site  If possible, use such equipment externally and on hard surfaced areas.  Be aware of the fire risk. of grass and other vegetation. | 3 | 1 | 3 |
| 9 | | **Contact with Vegetation** | | Stings and scratches from nettles brambles and hedgerow thorns etc. | Ground workers | 1 | 2 | 2 | Wear gloves and eye protection  Keep nettles under control  Avoid contact with brambles and hedgerow thorns  Wear appropriate clothing | 1 | 1 | 1 |
| 10 | | **Unauthorised access by other site users or Trespassers** | | General Injuries | Trespassers. Other site users | 2 | 3 | 6 | Secure access to apiary whilst working  Post warning notice that work is being undertaken and not to proceed until operator is aware of your presence | 2 | 1 | 2 |

Prepared by BNB Jan 2019 Reviewed:

**Summary of Actions in the Event of a Serious Bee Sting Reaction:**

• Ensure the safety of yourself and others: close any open hives and get the patient away from the bees.

• Remove the sting(s) as quickly as possible, by whatever means.

**• In the event of a STING IN THE AIRWAY or a SEVERE REACTION – treat as a medical emergency and call 999.**

• Call 999 immediately and ask for an ambulance, giving precise location details and advise of a possible bee sting reaction. Location Details –

Apiary Address and Postcode

• Follow advice from the 999 call handler.

• Loosen tight clothing, if necessary lie the patient down and await assistance.

• Administer adrenaline if the patient has been prescribed it and allows it to be administered.

• In cases where adrenaline has been administered, the patient should be promptly assessed at a local A&E department.